

September 16, 2014

Electric Utilities Webinar

Nick Nigro

The second webinar for the Washington State Advisory Panel



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2:00 p.m. – 2:10 p.m.	Welcome and Introductions C2ES will present one or two slides on the electricity market in Washington
2:10 p.m. – 2:50 p.m.	Panel Discussion Washington Electric Utilities <ul style="list-style-type: none">• Ben Farrow, Puget Sound Energy• Ramnika Jain, Seattle City Light• Dave Warren, Washington Public Utility District Association Charging Service Providers <ul style="list-style-type: none">• Dave Packard, ChargePoint• Glen Stancil, NRG Energy Washington Regulators <ul style="list-style-type: none">• Ann Rendahl, Washington Utilities and Transportation Commission
2:50 p.m. – 3:00 p.m.	General Q&A

- **Electric Utility Types**

- Public Utility Districts (27)

- Municipal Utilities (18)

- Investor Owned Utilities (3)

- Avista: 340,000 customers (includes Northern Idaho)
- PacifiCorp: 126,665 customers
- Puget Sound Energy: 1.2 million customers

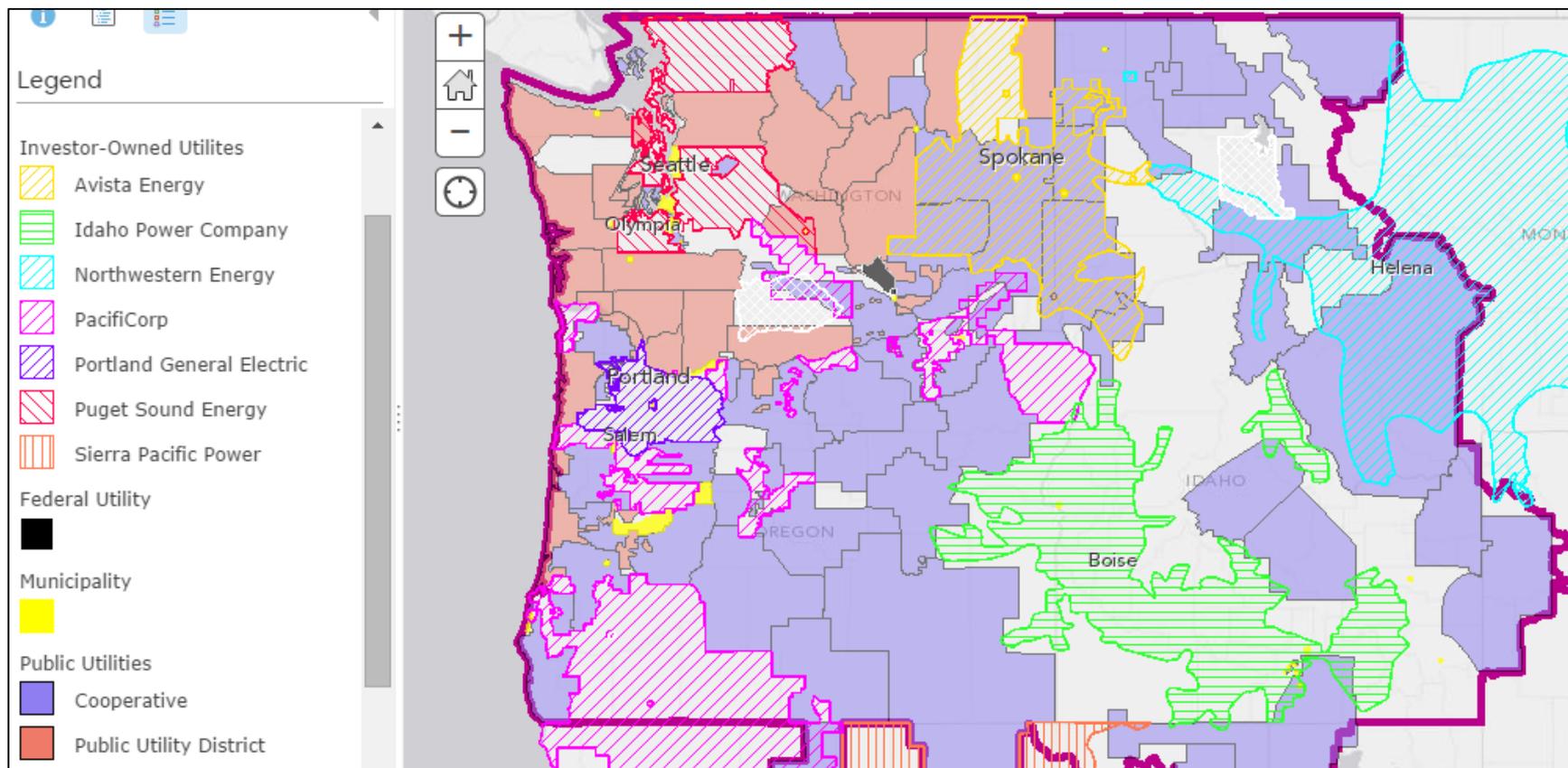
- Electricity Cooperatives (11)

- **Washington has lowest residential electricity prices in U.S. and lowest combined electricity price across all sectors**

- Residential rates average \$0.08/kilowatt-hour; rates as low as \$0.03/kilowatt-hour

- **Washington was leading producer of hydropower and produced 29% of U.S. hydropower in 2013**

Washington Electricity Market



Source: Washington State UTC

1. Under what conditions should utilities be allowed/encouraged to own and operate a public charging station, or to otherwise invest in public charging infrastructure?
2. How can utilities support the installation of charging infrastructure if doing so would add additional load and costs to the system? How should the costs and benefits be allocated?
3. Can utilities play other roles related to EVs, such as customer education and outreach?



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FOR MORE INFORMATION

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nigron@c2es.org